**PATENT** S/N 10/643,578

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nicholas Leventis et al. Examiner:

John M. Cooney

Serial No.:

10/643,578

Group Art Unit: 1711

Filed:

August 18, 2003

Docket:

423.019US1

Title:

METHODS AND COMPOSITIONS FOR PREPARING SILICA AEROGELS

## INFORMATION DISCLOSURE STATEMENT

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement.

Title: METHODS AND COMPOSITIONS FOR PREPARING SILICA AEROGELS

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications, and Non-Published Applications identifiable by USPTO Serial Number, are no longer required to be provided to the Office. Notification to this effect was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004 and October 19, 2004. Thus, Applicant has not included copies of any US Patents or US Patent Applications identifiable by serial number that may be cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

NICHOLAS LEVENTIS ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938 Minneapolis, MN 55402 (612) 373-6905

Monique M. Perdok Shonka

Reg. No. 42,989

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 26 day of June,

oh O. Gustav Wrope

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	10/643,578	
	Filing Date	August 18, 2003	
	First Named Inventor	Leventis, Nicholas	
	Group Art Unit	1711	
	Examiner Name	Cooney, John	
Sheet 1 of 1	Attorney Docket No: 4	I23.019US1	

US PATENT DOCUMENTS					
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate	
• • • •	US-5,502,082	03/26/1996	Unger, Peter , et al.	11/04/1993	
	US-5,541,234	07/30/1996	Unger, Peter , et al.	06/05/1995	
	US-5,990,184	11/23/1999	Biesmans, Guy L.	03/31/1998	

	FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T²	

,,	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		KATTI, ATUL, et al., "Chemical, physical and mechanical characterization of isocyanate cross-linked amine-modified silica aerogels", <u>Chem. Mater., ASAP</u> , Article number 10.1021/cm0513841 S0897-4756(05)01384-0,(June 2005),12 pgs	
		LEVENTIS, NICHOLAS, et al., "Nanoengineering strong silica aerogels", Nano Letters, 2(9), (2002),957-60	
		ZHANG, GUOHUI, et al., "Isocyanate-crosslinked silica aerogel monoliths: preparation and characterization", <u>Journal of Non-Crystalline Sodids 350</u> , (2004),152-64	